



**Fig. 1**

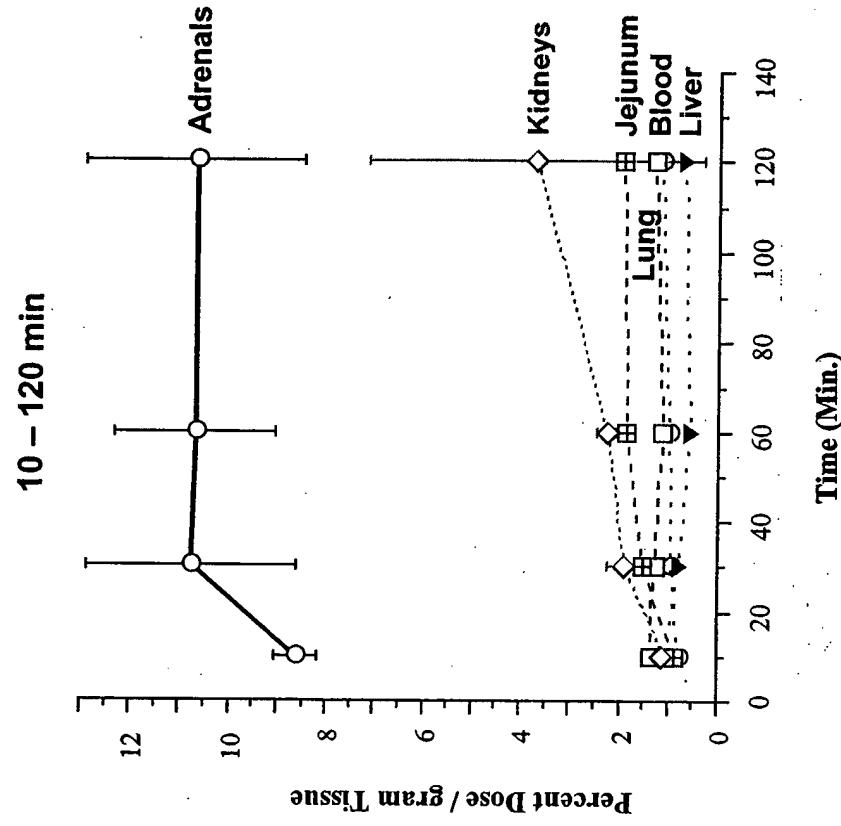
**Inhibition of  $^{131}\text{I}$ -MTO binding by etomidate derivatives**

Inhibitor	$\text{IC}_{50}$ (nM)	SD	n
Etomidate	1.08	0.42	11
Metomidate	3.69	1.92	6
4-Iodo-metomidate	9.0	3.7	15
2-Fluoro-etomidate	2.89	0.55	4
Free acid	123 $\mu\text{M}$	41	3



Fig. 2

**Distribution of radioactivity after intravenous injection  
of  $^{131}\text{I}$ -MTO in rats (means  $\pm$  SD, n=4)**



**Fig. 3**

**Target / Non-Target Ratios obtained with  $^{131}\text{I}$ -MTO**

Organ	10	30	60	120 (min)
Adrenal / Kidney	7.7	5.7	4.7	2.9
Adrenal / Liver	8.4	13.9	19.7	15.5
Adrenal / Jejunum	9.8	7.2	5.7	5.5
Adrenal / Blood	11.3	11.1	10.7	9.0





Fig. 4

**Distribution of radioactivity after intravenous injection  
of  $^{18}\text{F}$ -FETO in rats (means  $\pm$  SD, n = 3)**

